

**THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
**IN THE RECEIVING OFFICE THEREOF**

In re International Application of:

Applicant : Reveo, Inc.  
International Application Number: PCT/US98/03688  
International Filing Date : February 25, 1998  
Title of Invention : ELECTRO-OPTICAL GLAZING  
STRUCTURES HAVING REFLECTION AND  
TRANSPARENT MODES OF OPERATION  
Attorney Docket No. : 105-030PCT000  
Authorized Officer : William Sikes

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

**REPLY TO WRITTEN OPINION**

SIR:

In response to the Written Opinion mailed in the present Application on March 4, 1999, Applicants have amended the claims as follows:

**IN THE CLAIMS TO INVENTION**

In Claim 68, delete each instance of "transmission mode" and replace with "total-transmission mode" and add "totally" before "transmitted said electro-optical panel".

The second instance of Claim 76 has been renumbered as Claim 77.

Claim 77 has been renumbered as Claim 78 and made dependent from Claim 77.

Claim 78 has been renumbered as Claim 79.

Claim 79 has been renumbered as Claim 80.

Claim 80 has been renumbered as Claim 81.

Claim 81 has been renumbered as Claim 82.

Claim 82 has been renumbered as Claim 83.

Claim 83 has been renumbered as Claim 84.

Claim 84 has been renumbered as Claim 85.

Claim 85 has been renumbered as Claim 86.  
Claim 86 has been renumbered as Claim 87.  
Claim 87 has been renumbered as Claim 88.  
Claim 88 has been renumbered as Claim 89.  
Claim 89 has been renumbered as Claim 90.  
Claim 91 has been renumbered as Claim 92.  
Claim 92 has been renumbered as Claim 93.  
Claim 93 has been renumbered as Claim 94.  
Claim 94 has been renumbered as Claim 95.  
Claim 95 has been renumbered as Claim 96.  
Claim 96 has been renumbered as Claim 97.  
Claim 97 has been renumbered as Claim 98.  
Claim 98 has been renumbered as Claim 99.  
Claim 99 has been renumbered as Claim 100.  
Claim 100 has been renumbered as Claim 101.  
Replacement sheets 93-122 are attached hereto.

Notably, the Written Opinion indicates that NONE of the claims in the present application meet the Industrial Applicability standard. Applicants believe that this was an inadvertent clerical error, as each of the claims in the present International Application clearly meet the Industrial Applicability standard under the PCT Articles.

US Patent No. 4,475,031 to Mockovciak discloses a window structure comprising a pair of glass plates containing nematic liquid crystal material sandwiched between layers of ITO material.

US Patent No. 4,749,261 to McLaughlin et al disclose a shatter-proof liquid crystal panel with IR filtering properties comprising a pair of glass plates containing nematic liquid crystal material, to which an IR film is applied.

US Patent No. 5,437,811 to Doane, et al discloses a light modulating cell comprising a pair of glass plates containing cholesteric liquid crystal material sandwiched between layers of ITO material.

US Patent No. 5,399,390 to Akins discloses a liquid crystal display device comprising a pair of glass plates containing a plurality of channels of cholesteric liquid crystal material sandwiched between layers of ITO material.

US Patent No. 5,015,086 to Okane et al discloses a pair of electronic sunglasses, wherein each lens comprises a pair of glass plates containing nematic liquid crystal material sandwiched between layers of ITO material.

US Patent No. 3,711,181 to Adams et al discloses an optical notch filter formed by sandwiching an electrically-passive half-wave plate between a pair of electrically-passive cholesteric liquid crystal layers of opposite handedness.

US Patent No. 4,475,031 to Mockovcak fails to disclose, teach or suggest an electro-optical glazing structure as defined by claims 1, 9-10, 23, 25-26, 95 and 98-99, as this prior art reference does not have a reflection mode, as claimed, but rather an opaque or high-scattering mode which results in energy absorption.

US Patent No. 4,749,261 to McLaughlin fails to disclose, teach or suggest an electro-optical glazing structure as defined by claims 1, 7-17, 23-31, 68-69, 75-80, 82, 95-97 and 100, as this prior art reference does not have a reflection mode, as claimed, but rather an opaque or high-scattering mode which results in energy absorption.

US Patent No. 5,437,811 to Drane, et al fails to disclose, teach or suggest an electro-optical glazing structure as defined by claims 1, 7-17, 23-31, 68-69, 75-80, 82, 95-97 and 100, as this prior art reference does not have a reflection mode and a transmission mode, as claimed, nor any of the structural arrangements recited in the dependent claims

US Patent No. 5,399,390 to Akins fails to disclose, teach or suggest an electro-optical glazing structure as defined by claim 29, but rather a LCD device having entirely different functionalities than that of the claimed electro-optical glazing structure.

US Patent No. 3,711,181 to Adams et al fails to disclose, teach or suggest an electro-optical glazing structure as defined by claims 2-6, 18-

22, 70-74, 85-94, but rather discloses an electrically-passive notch filter having a single state of operation, and thus does not constitute an electro-optical device of any sort.

US Patent No. 5,015,086 to Okaue et al fails to disclose, teach or suggest an electro-optical glazing structure as defined by claims 11, 27, 78 and 100, as this prior art reference does not have a reflection mode and a transmission mode, as claimed, but rather an opaque or high-scattering mode and a transmission mode.

None of the cited references contain any suggestion to be combined in the manner suggested in the Written Opinion.

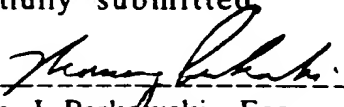
In view, therefore, of the amendment and remarks set forth above, Applicants firmly believe that the present invention defined by the claims in the present application meet all the requirements for patentability under the applicable PCT Articles.

Reconsideration is respectfully requested.

The Commissioner is authorized to charge any fee deficiencies to Deposit Account No. 16-1340.

Dated: April 5, 1999


Respectfully submitted

  
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**CERTIFICATE OF EXPRESS MAIL**  
**UNDER 37 CFR 1.10**

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Thomas J. Perkowski, Esq.

Reg. No. 33,134

Dated: April 5, 1999

09/380256

510 Rec'd PCT/PTO 25 AUG 1999

105-030USAC00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re National Phase Entry Application into the United States (DO/EO/US) of:

Applicants	:	Sadeg M. Faris, Le Li and Jian-Feng Li
Assignee	:	Reveo, Inc.
International Application		
Serial No.	:	PCT/US98/03688
International Filing Date	:	February 25, 1998

Honorable Commissioner of  
Patents and Trademarks  
Washington, D.C. 20231

TRANSMITTAL OF PATENT ASSIGNMENT FOR RECORDATION

SIR:

Enclosed please record the following documents, as well as the present document, in the United States Patent and Trademark Office, upon National Phase entry of the above referenced International Application into the same:

- Recordation Form Cover Sheet; and
- Copy of Patent Assignment, in favor of Reveo, Inc. for International Application PCT/US98/03688.

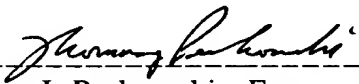
Please note that the Patent Assignment for the above identified International Application, contains a spelling error. The name of the third inventor is spelled incorrectly on this document as "Jiang-Feng Li". The name of the third inventor should be correctly spelled as "**Jian-Feng Li**". The enclosed Recordation Form Cover Sheet correctly lists the third inventor.

Also, please note that the address of the assignee, Reveo, Inc, has changed. The address for Reveo, Inc. is no longer 8 Skyline Drive, Hawthorne, New York 10532, as listed on the enclosed Patent Assignment; instead the new address is 85 Executive Boulevard, Elmsford, New York 10523, as listed on the Recordation Form Cover Sheet.

Please record the Recordation Form Cover Sheet and Patent Assignment for PCT/US98/03688 against the new National Phase Entry Application filed concurrently herewith. Thomas J. Perkowski, Esq., P.C. Check No. 907, in the amount of \$724.00, is enclosed herewith to cover the requisite fee of \$40.00. The Commissioner is authorized to charge any fee deficiencies to Deposit Account 16-1340. A copy of this document is enclosed herewith.

Respectfully submitted,

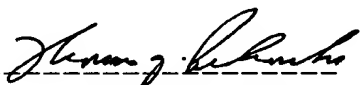
Dated: August 25, 1999

  
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